

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

P58GL
Revision 11
McCauley
B3D32C(4--)
B3D34C(4--)
B3D36C(4--)
C3D36C(4--)
April 5, 2001

TYPE CERTIFICATE DATA SHEET NO. P58GL

Propellers of models described herein conforming with this data sheet, which is part of Type Certificate No. P58GL and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certificated aircraft in accordance with the pertinent aircraft data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

Type Certificate Holder: McCauley Propeller Systems
 3535 McCauley Drive
 Vandalia, Ohio 45377

Type Constant speed, hydraulic (see NOTE 3)
 Engine Shaft S.A.E. No. 2 flange modified (six 1/2" mounting bolts)
 Hub Material Aluminum Alloy
 Blade Material Aluminum Alloy
 No. of Blades Three
 Hubs Eligible B3D34C405, B3D32C407, B3D32C412, B3D34C413, B3D32C414,
 C3D36C415, B3D36C416, B3D32C417, B3D32C419, B3D36C424,
 B3D36C427, B3D36C428, B3D36C429, B3D36C431, B3D36C432,
 B3D36C433, B3D36C442

Blades Eligible (See NOTE 2)	Maximum <u>Continuous</u>		<u>Take-Off</u>		Diameter Limits (See NOTE 2)	Approx. Max. Weight Complete (Max. Dia.)
	HP	RPM	HP	RPM		
<u>Hub Model B3D34C405</u>						
90DF[X]-4 to 90DF[X]-16	285	2700	285	2700	86" - 74" (-4 to -16)	71.5 Lbs.
<u>Hub Model B3D32C407</u>						
82ND[X]-2 to 82ND[X]-8	260	2600	260	2600	80" - 74" (-2 to -8)	66.5 Lbs.

Page No.	1	2	3	4	5
Rev. No.	11	10	11	10	11

* C428
** C429

Blades Eligible (See NOTE 2)	Maximum Continuous HP RPM		Take-Off HP RPM		Diameter Limits (See NOTE 2)	Approx. Max. Weight Complete (Max. Dia.)
<u>Hub Model B3D36C431</u>						
80VS[X]-0 to 80VS[X]-8	325	2700	325	2850	80" - 72" (-0 to -8)	76.0 Lbs.
<u>Hub Model B3D36C432</u>						
80VS[X]-0 to 80VS[X]-8	325	2700	325	2850	80" - 72" (-0 to -8)	76.0 Lbs.
<u>Hub Model B3D36C433</u>						
80VS[X]-0 to 80VS[X]-8	325	2700	325	2850	80" - 72" (-0 to -8)	73.0 Lbs.
<u>Hub Model B3D36C442</u>						
80VS[X]-0 to 80VS[X]-8	325	2700	325	2850	80" - 72" (-0 to -8)	76.0 Lbs.

Certification Basis

Type Certificate No. P58GL issued January 17, 1979 under Delegation Option Authorization Provisions of Part 21, Subpart J, of the 14 Code of Federal Regulations (CFR). Date of application for Type Certificate, November 17, 1979.

Model B3D32C407 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 including Amendments 35-1 through 35-4 (May 2, 1977) thereto.

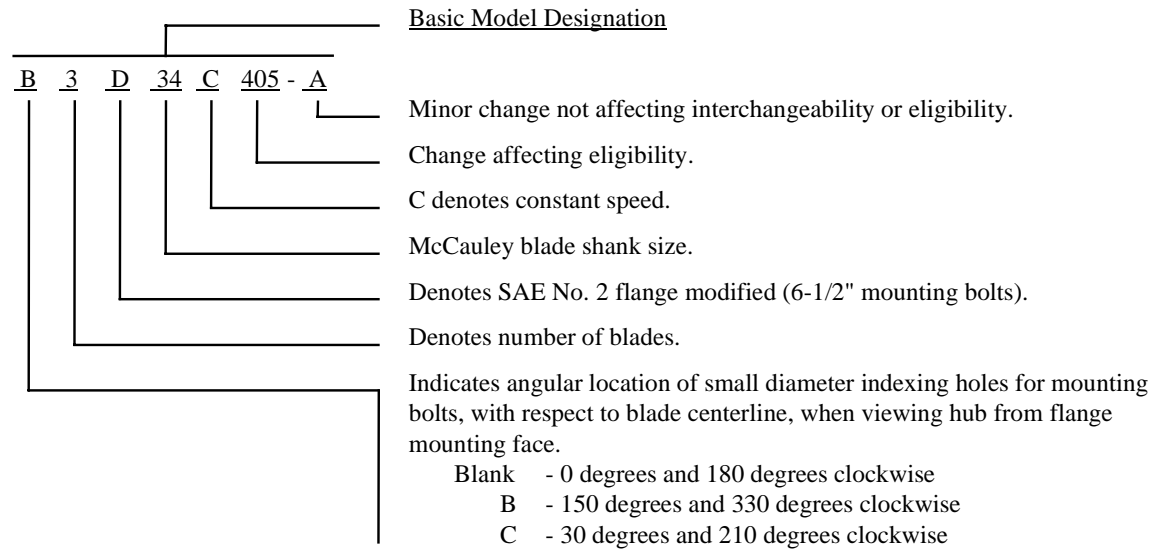
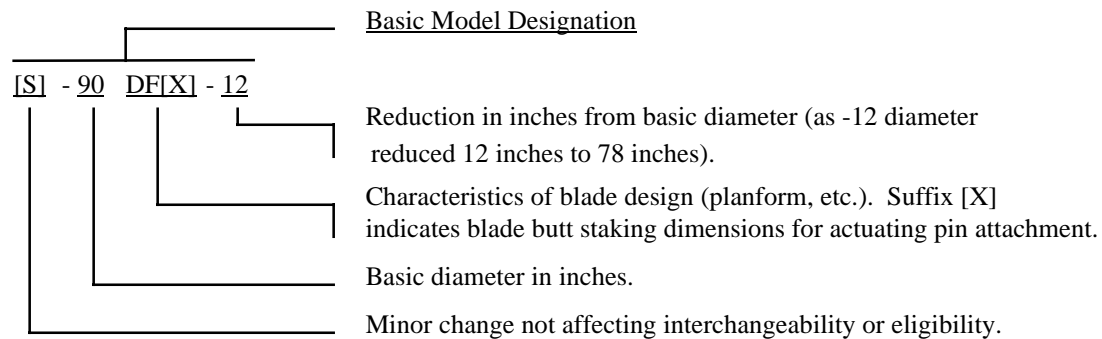
Models B3D34C405, B3D32C412, B3D34C413, B3D32C414, C3D36C415, B3D36C416, B3D32C417, B3D32C419 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 including Amendments 35-1 through 35-5 (October 14, 1980) thereto.

Models B3D36C424, B3D36C427, B3D36C428, B3D36C429, B3D36C431, B3D36C432, B3D36C433 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 including Amendments 35-1 through 35-6 (August 18, 1990) thereto.

Model B3D36C442 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 requirements amended through August 18, 1990. Type Certificate No. P58GL, revised April 5, 2001.

Production Basis

Production Certificate No. 3

NOTE 1. Hub Model Designation.NOTE 2. Blade Model Designation.NOTE 3. Pitch Control.

With the following governors:

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| (1) McCauley Model C290DX/TX | Weight 2.8 pounds. |
| (2) Edo Aire Model 34-828-XXX-XX | Weight 2.5 pounds. |
| (3) McCauley Model DC290DX/TX | Weight 2.8 pounds. |

NOTE 4. Not applicable.

NOTE 5. Not applicable.

NOTE 6. Not applicable.

NOTE 7. Accessories.

a. Propeller Spinner

- (1) Model B3D32C412/82ND[X] with McCauley spinner, reference drawing D-6012.
- (2) Model B3D32C414/82ND[X] with McCauley spinner, reference drawing D-6240.
- (3) Model C3D36C415/82NG[X] with McCauley spinner, reference drawing D-6323, D-6323-1, D-5992, D-5992-1, D-6504, or D-6614.
- (4) Model B3D36C416/82NG[X] with McCauley spinner, reference drawing D-6240.
- (5) Model B3D32C417/82NR[X] with McCauley spinner, reference drawings D-6204 or D-6204-1.
- (6) Model B3D32C419/82NH[X] with McCauley spinner, reference drawing E-6349.
- (7) Model B3D36C424/74S[X] with McCauley spinner, reference drawings D-6012 or D-6012-1, D-6504, or D-6614.
- (8) Model B3D36C427/82NG[X] with McCauley spinner, reference drawings D-6012 or D-6012-1.
- (9) Model B3D36C428/82NP[X] with McCauley spinner, reference drawing D-6614.
- (10) Model B3D36C429/82NP[X] with McCauley spinner, reference drawing D-7290.
- (11) Model B3D36C431/80VS[X] with McCauley spinner, reference drawing E-7296.
- (12) Model B3D36C433/80VS[X] with McCauley spinner, reference drawing E-7350.
- (13) Model B3D36C442/80VS[X] with McCauley spinner, reference drawing E-7296.

NOTE 8. Not applicable.

NOTE 9. Not applicable.

NOTE 10. Special Notes. Aircraft installation must be approved as part of the aircraft type certificate upon compliance with the applicable aircraft airworthiness requirements.

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